

AUG 14 1971

WELL LOG

Robert Thierolf No. 1

RECEIVED NW NW NE
STATE CORPORATION COMMISSION

FEB 24 1970

CONSERVATION DIVISION
Wichita, Kansas

Sec. 31-6-6W

Location: Center of the Northwest Quarter (NW $\frac{1}{4}$) of the Northwest Quarter (NW $\frac{1}{4}$) of the Northeast Quarter (NE $\frac{1}{4}$) of Section 31, Township 6 South, Range 6 West, Mitchell County, Kansas
Commenced: August 27, 1969
Completed: September 12, 1969 12:25 p. m.

Operator: Ehrlich Drilling Company, P. O. Box 173, Wilson, Kansas 67490 and Robert Thierolf, Beloit, Kansas 67420
Plugged: September 13, 1969 10 a. m.
60 sacks cement

Contractor: Ehrlich Drilling Company
P. O. Box 173
Wilson, Kansas 67490
Elevation: 1483 K. B.
Production: D & A

Casing Record: 8 - 5/8th inch @ 210 feet with 100 sacks of cement.

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(Figures indicate bottom of formation except where noted)

Surface soil	30	Heebner shale	2372
Clay	65	Top of Douglas	
Sand	90	Sand and shales	2406
Clay	160	Top of Lansing	
Sand	170	limes	2484
Clay & sand of Dakota	357	Chanute shale	2645
Cheyenne Sand	450	Base of Kansas	
Sand, Shales of Sumner	910	City limes	2790
Odel Shale	1003	Marmaton sand & shale	2824
Winfield lime	1030	Pawnee lime	2898
Gage shale	1060	Base of Cherokee	
Towanda lime	1084	sands & shale	3118
Ft. Riley lime	1143	Top of Osage lime	3158
Base of Chase limes	1280	Burlington Dolomite	3262
Top Council Grove	1280	Top of the	
Bader lime	1386	Gilmore City lime	3311
Top Neva lime	1460	Top of the	
Johnson shale	1565	Sedalia Dolomite	3362
Base of Council Grove	1608	Top of the	
Fall City lime	1721	Chattanooga shale	3374
Top of the		Top of Hunton lime	3423
Wabaunsee group	1769	Base of Hunton lime	3604
Dover lime	1862	Top of Maquoketa and	
Stotler lime	1876	Ordovician	3604
Pillsburg shale	1908	Base of Maquoketa shale	3622
Willard Shale	1958		
Howard lime	2064	Top of Viola lime	3622
Severy shale	2112		
Top of the		Rotary total depth	
Shawnee lime group	2190	still in Viola lime	3754
Queen Hill shale	2290		

No shows of free oil, gas or odors whatsoever. Some shows of dead oil in lower Shawnee limes.

Good zones of porosity in Burlington dolomite at 3263 to 3297; Hunton at 3542 to 3573; Viola at 3719 to 3735.

Good zones of porosity in Lansing- Kc. at 2574 to 2604

Drilling time recorded from 1,000 feet to the total depth of 3754 feet

The undersigned, Richard B. Schmidt, 1219 College Avenue, Topeka, Kansas 66604, petroleum exploration consultant, for the above named operator had charge of the geological supervision and hereby certifies that the above log is a true and correct log of the formations encountered in drilling the above well as reflected by the daily drilling reports, drilling time and sample examination.

RICHARD B. SCHMIDT